

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-106 (cancelled).

107. (currently amended) An electronic atomization cigarette,
comprising:
_____ a shell;
_____ a mouthpiece;
_____ an air inlet provided on the external wall of the shell;
_____ a cell, an electronic circuit board, a normal pressure cavity, a sensor, a
vapor-liquid separator, an atomizer, a liquid-supplying bottle arranged sequentially
within the shell;

_____ a stream passage provided on one side of the sensor;
_____ a gas vent;
_____ a negative pressure cavity provided in the sensor;
_____ an atomization cavity arranged in the atomizer;
_____ an aerosol passage provided on one side of the liquid-supplying bottle;
_____ wherein the liquid-supplying bottle is in contact with the atomizer;

~~The electronic atomization cigarette according to claim 102, further comprising:~~

a ripple film provided between the sensor and the negative pressure cavity
within the sensor;

a first magnetic steel, a second magnetic steel and a magneto device connected between said first and second magnetic steel provided within the sensor; ~~and~~, wherein the second magnetic steel is attached to the ripple film[.]; and
the air inlet, normal pressure cavity, vapor-liquid separator, atomizer, aerosol passage, the gas vent and mouthpiece are sequentially interconnected.

108. (previously presented) The electronic atomization cigarette according to claim 107, wherein the magneto device is a Reed switch.

109. (previously presented) The electronic atomization cigarette according to claim 107, wherein the magneto device is a Hall device.

110. (previously presented) The electronic atomization cigarette according to claim 107, wherein the magneto device is a magneto diode.

111. (previously presented) The electronic atomization cigarette according to claim 107, wherein the magneto device is a magnetic triode.

112. (currently amended) The electronic atomization cigarette according to claim ~~[[102]]~~107, further comprising:

a silicon gel check valve provided within the sensor;

a third magnetic steel provided in the silicon gel check valve; and

a Reed switch provided outside the valve, on a side close to the magnetic steel.

113. (currently amended) An electronic atomization cigarette, comprising:
a shell;
a mouthpiece;
an air inlet provided on the external wall of the shell;
a cell, an electronic circuit board, a normal pressure cavity, a sensor, a
vapor-liquid separator, an atomizer, a liquid-supplying bottle arranged sequentially
within the shell;
a stream passage provided on one side of the sensor;
a gas vent;
a negative pressure cavity provided in the sensor;
an atomization cavity arranged in the atomizer;
an aerosol passage provided on one side of the liquid-supplying bottle,
wherein the liquid-supplying bottle is in contact with the atomizer; and

~~The electronic atomization cigarette according to claim 102, further comprising:~~
a through hole arranged on the vapor-liquid separator[.];
wherein the air inlet, normal pressure cavity, vapor-liquid separator,
atomizer, aerosol passage, the gas vent and mouthpiece are sequentially
interconnected.

114. (previously presented) The electronic atomization cigarette according to claim 113, further comprising:

a silicon gel check valve covering the outside of the through hole on the vapor-liquid separator.

115. (cancelled)

116. (previously presented) The electronic atomization cigarette according to claim 107, further comprising:

a heating element provided within the atomization cavity;
a stream ejection hole provided on one side of the heating element; and
a porous body arranged outside around the atomization cavity wall.

117. (previously presented) The electronic atomization cigarette according to claim 107, further comprising:

a first piezoelectric element provided on one side of the atomizer; and
a bulge provided on the other side of the atomizer.

118. (previously presented) The electronic atomization cigarette according to claim 116, wherein the stream ejection hole is a long stream ejection hole with 0.1 mm-1.3 mm of slot structure.

119. (previously presented) The electronic atomization cigarette according to claim 116, wherein the stream ejection hole is a long stream ejection hole with $\Phi 0.2$ mm-1.3 mm of circular hole structure having a single and multiple holes.

120. (previously presented) The electronic atomization cigarette according to claim 116, wherein the stream ejection hole is a short stream ejection hole with a diameter of 0.3 mm-1.3 mm.

121. (currently amended) The electronic atomization cigarette according to claim 107, further comprising:

a ~~second~~ piezoelectric element ~~additionally~~ provided in the atomizer, wherein a stream passing through an ejection hole is atomized at a central vibration focus of the ~~second~~ piezoelectric element to achieve an effect of strong ultrasonic atomization.

122. (currently amended) The electronic atomization cigarette according to claim 121, wherein the ~~second~~ piezoelectric element ~~is in the form of~~ comprises a platen with a single layer.

123. (currently amended) The electronic atomization cigarette according to claim 121, wherein the ~~second~~ piezoelectric element ~~is in the form of~~ comprises a platen with laminated layers.

124. (previously presented) The electronic atomization cigarette according to claim 107, wherein the atomizer is surrounded by the porous body which can be made of foam nickel, stainless steel fiber felt, high molecule polymer foam and foam ceramic.

125. (previously presented) The electronic atomization cigarette according to claim 116, wherein the heating element is made of platinum wire, nickel chromium alloy or iron chromium aluminum alloy wire with rare earth element.

126. (currently amended) The electronic atomization cigarette according to claim 116, wherein the heating element is made into a sheet ~~form with~~ comprising ~~conductive ceramics or PTC ceramics.~~

127. (previously presented) The electronic atomization cigarette according to claim 107, wherein the atomization cavity wall is made of aluminum oxide.

128. (previously presented) The electronic atomization cigarette according to claim 107, wherein the atomization cavity wall is made of ceramics.

129. (previously presented) The electronic atomization cigarette according to claim 113, wherein the vapor-liquid separator is made of plastics.

130. (previously presented) The electronic atomization cigarette according to claim 113, wherein the vapor-liquid separator is made of silicon rubber.

131. (currently amended) An electronic atomization cigarette, comprising:
a shell;
a mouthpiece;
an air inlet provided on the external wall of the shell;
a cell, an electronic circuit board, a normal pressure cavity, a sensor, a
vapor-liquid separator, an atomizer, a liquid-supplying bottle arranged sequentially
within the shell;
a stream passage provided on one side of the sensor;
a negative pressure cavity provided in the sensor;
an atomization cavity arranged in the atomizer; and
an aerosol passage provided on one side of the liquid-supplying bottle,
wherein the liquid-supplying bottle is in contact with the atomizer;
wherein the air inlet, normal pressure cavity, vapor-liquid separator,
atomizer, aerosol passage, gas vent and mouthpiece are sequentially interconnected
and ~~The electronic atomization cigarette according to claim 102,~~ wherein a solution
storage porous body is provided in the liquid-supplying bottle.

132. (previously presented) The electronic atomization cigarette according to claim 131, wherein the solution storage porous body is filled with polypropylene fiber, terylene fiber or nylon fiber.

133. (previously presented) The electronic atomization cigarette according to claim 131, wherein the solution storage porous body is filled with plastics that are shaped by foaming.

134. (previously presented) The electronic atomization cigarette according to claim 131, wherein the solution storage porous body is molded into a column with laminated layers by polyvinyl chloride, polypropylene, polycarbonate.

Claims 135 to 144 (cancelled).